

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application of

Sanderson et al.

Application No. 09/436,360

Filed: November 9, 1999



Group Art Unit: 3641

Examiner: Miller, E.

#11/2lec
11/7/00
Brown

Title: SYNTHESIS OF ENERGETIC THERMOPLASTIC ELASTOMERS
CONTAINING BOTH POLYOXIRANE AND POLYOXETANE BLOCKS

* * *

November 2, 2000

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RESPONSE TO RESTRICTION REQUIREMENT

Hon. Commissioner of Patents
And Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the restriction requirement set forth in the Office Action of October 23, 2000, Applicants hereby elect Group I, containing claims 1-13 drawn to a polymer, with traverse.

The Examiner has required the election of a single disclosed species for examination purposes, including an election of all starting moieties, and final content and properties.

Applicants elect as the species to be examined a thermoplastic elastomer having hydroxy-terminated BAMO prepolymer as the A-blocks and hydroxy-terminated GAP prepolymer as the B-blocks. The linking groups of this species is derived from toluene diisocyanate (TDI) and butanediol. The final properties of the thermoplastic elastomer include a weight average molecular weight of at least 80,000 and a number average molecular weight of at least 15,000.

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The elected species reads on each of claims 1-6 and 8-13.

If there are any other moieties, properties, or final content information that the Examiner requires for examination of this single disclosed species, please advise by calling the undersigned.

Respectfully submitted,

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